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ABSTRACT

These two reports analyze enrollments at Oklahoma City Community College (OCCC) by zip code between fall 1982 and fall 1984, by student major between spring 1981 and spring 1985, and by student educational goals for spring 1985. Highlighted findings include the following: (1) the enrollment from Oklahoma City showed a steady decline in terms of the percentage of the total enrollment at OCCC, going from 73.66% in fall 1982 to 70.51% in fall 1984; (2) the participation rate of Oklahoma City (enrollments divided by total population) averaged .0098 citywide, ranging from .0028 to .0193 between the least and most represented quadrants of the city; (3) the only institute showing enrollment growth between 1981 and 1985 was the Electronic Information Systems and Mathematics Institute, which was due to growth in the Data Processing and Mathematics programs; (4) steady enrollment growth was seen in the following programs: banking and finance, mid-management, physical therapy technology, communications, data processing, mathematics; (5) Business and Management continued to the be largest institute, and Communication and the Arts had the lowest number of majors; and (6) when asked to identify their educational goals as Special Interest, Job Enrichment, Transfer, Exploratory, Preparatory, Associate Degree, Certificate, or Undecided, the largest number of students indicated Special Interest goals, with the next largest group selecting Associate Degree for Immediate Job Entry. (AYC)

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ANALYSIS OF ENROLLMENT BY ZIP CODES

FALL 1982 TO FALL 1984

RESEARCH MONOGRAPH IV

STUDENT ENROLLMENT BY MAJORS

AND EDUCATIONAL INTENT

RESEARCH MONOGRAPH VI

Prepared by

Annmarie Shirazi
Research Office

OKLAHOMA CITY COMMUNITY COLLEGE

MARCH 1985

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ANALYSIS OF ENROLLMENT BY ZIP CODES FALL 1982 TO FALL 1984

RESEARCH MONOGRAPH IV

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November 1984

In an attempt to analyze where enrollments have been gained and lost in the past two years, the Oklahoma City zip codes were reviewed. Table I contains by zip code the population of each zip code and the number of students enrolled. The zip code information is summarized by each quadrant of the city. Some observation on the enrollment trends are summarized in Table II. The enrollment from Oklahoma City has shown a steady decline in terms of the percentage of the total enrollment from Oklahoma City since the fall of 1982. While the southeast and northwest have shown an up and down trend and the northeast has remained fairly stable, the southwest (our quadrant) has shown a fairly steady decrease. The implication here is that the southwest quadrant is the main area where the decrease in city enrollment is being experienced. The percent of students enrolled from the southwest quadrant has dropped below 40% for the first time this fall. This again points out the decreasing student enrollment from the southwest.

As of this fall, the greatest participation rate is in the southwest quadrant. Participation rate is obtained by taking the number enrolled and dividing it by the population. Any number over .0200 is considered a good participation rate for a community college. None of our quadrants reach this level of participation. In summary, we need to increase the number of students recruited from our own backyard.

Table I

Zip Code	Population	Enrollment				
		Fall 1982	Spring 1983	Fall 1983	Spring 1984	Fall 1984
73142	2,919	2	8	10	12	26
73132	24,180	281	267	277	310	268
73122	31,782	130	151	145	128	133
73127	33,668	278	347	345	295	317
73102	2,551	17	27	19	25	11
73103	6,595	65	80	75	86	71
73106	12,154	211	237	213	199	172
73107	26,308	296	341	302	262	263
73112	29,541	268	334	285	246	257
73118	15,061	146	162	155	126	106
73116	11,041	59	67	55	74	74
73114	13,571	66	74	83	64	71
73120	27,237	117	134	141	160	164
73134	1,580	3	1	1	1	10
Summary NW Quadrant	238,188	1,939	2,230	2,106	1,988	1,943
73128	2,810	29	35	33	22	30
73179	1,678	5	4	13	17	14
73169	1,112	38	42	48	38	40
73173	412	1	0	1	4	7
73170	9,735	81	119	126	165	147
73159	24,519	855	987	897	788	827
73139	11,605	488	521	464	479	363
73119	22,573	488	627	551	585	416
73109	19,577	260	301	241	223	200
73108	17,517	144	156	145	145	109
Summary SW Quadrant	111,538	2,389	2,792	2,519	2,466	2,153
73131	8,762	5	3	5	6	6
73151	267	0	2	1	1	1
73105	5,808	31	26	41	39	29
73104	6,482	8	14	19	15	21
73111	13,136	72	71	86	77	60
73117	16,166	27	27	29	31	27
73121	2,237	6	8	13	10	11
73141	2,696	2	3	3	1	3
Summary NE Quadrant	55,554	151	154	197	180	158
73129	17,902	136	172	128	147	110
73149	4,886	82	92	109	100	92
73160	25,125	676	832	792	788	689
73115	26,051	102	121	100	96	79
73135	11,021	60	86	60	63	60
73165	7,754	11	11	19	20	18
73110	34,195	101	145	96	88	106
73145	1,807	4	5	2	5	2
73130	13,604	26	25	21	23	19
73150	6,432	10	14	16	9	7
Summary SE Quadrant	148,777	1,208	1,503	1,343	1,339	1,182
Total Oklahoma City Enrollment		5,687	6,679	6,165	5,973	5,436
Total Enrollment		7,721	9,227	8,590	8,481	7,709

Table II

	Fall 1982	Spring 1983	Fall 1983	Spring 1984	Fall 1984	Participation Rate Based on Fall 1984 Enrollments
NW Quadrant	34.10%	33.39%	34.16%	33.28%	35.74%	.0082
SW Quadrant	42.00%	41.80%	40.86%	41.29%	39.61%	.0193
NE Qyadrant	2.66%	2.31%	3.20%	3.01%	2.91%	.0028
SE Quadrant	21.24%	22.50%	21.78%	22.42%	21.74%	.0079
Enrollment from Oklahoma City	73.66%	72.39%	71.77%	70.43%	70.51%	.0098

STUDENT ENROLLMENT by MAJORS
and
EDUCATIONAL INTENT

RESEARCH MONOGRAPH VI

Prepared by

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Research Office

March 1985

Two tables are contained in this report. Table I compares enrollments by programs for the past five spring semesters. Included for each program are the number of students, headcount (H/C), and then the number of credit hours (C/H) those students produced during the particular spring semester. In looking at the totals by institutes, the only institute showing growth over the five years was Electronic Information Systems and Mathematics and this growth was due to two programs, Data Processing and Mathematics. The spring of 1983 had the all time high enrollment of 9,227 students in 45,843 credit hours which means that all areas showed a decrease in the spring of 1984 when the total enrollment dropped to 8,481 with 40,896 credit hours. But disregarding this, if you look at program by program, there are those which have showed a steady growth, those which are neither growing or declining, and those which are showing a steady decline.

Table II presents only the spring 1985 data. The table reflects the educational goals of the students as they reported them when they enrolled for the spring of 1985. Those not planning to complete a degree program include Special Interest students (I), Job Enrichment (J), Transfer Students (T), and the Undecided (U) category which contains students who have not made a decision about a major but if forced to choose, they would be in the major indicated. The other four areas are students who intend to pursue a degree, with those in the Exploratory (E) category being there because they are planning on getting a degree but are not sure of their major even though they are listed in the particular major. The other three degree seeking categories are Preparatory (P) and the two immediate job entry classifications, those getting an associate

degree (W), and those getting a certificate (X). Table II is set up in such a way that at the top of each column is the letter indicating one of the intent codes listed above. Under each intent code is a column for headcount and one which lists the total credit hour enrollments of the studonts in that intent code.

Business and Management continues to be the largest institute with a total enrollment in its majors of 3,335 students and 14,120 credit hours. Communication and the Arts has the smallest number of majors with 784 students enrolled in 3,692 credit hours. College totals show the largest number of students are listed as I (Special Interest) with the next highest falling in the intent code of W which is the immediate job entry associate degree.

In summary, Table I shows some patterns of decline and growth which should be watched carefully. Table II shows some information on students' goals which is very important. The special interest student is not committed in most cases to any definite long-term goals and cannot be depended on to continue attending classes on any regular basis. With 31.2% of the total enrollment being special interest students, predicting enrollment patterns are next to impossible. One other comment, the information presented in the tables is only good if the students intent codes are checked and updated each time they enroll.

TABLE I

EDUCATIONAL INTENT OF STUDENTS AT OKLAHOMA CITY COMMUNITY COLLEGE

	SPRING 1981		SPRING 1982		SPRING 1983		SPRING 1984		SPRING 1985	
	H/C	C/H	H/C	C/H	H/C	C/H	H/C	C/H	H/C	C/H
Insurance Mgt. Technology	133	306	111	302	77	234	38	106	75	218
Banking & Finance	505	1525	440	1444	617	2188	660	2288	754	2371
Secretarial Science	222	1019	375	1448	386	1626	358	1640	365	1640
Mid-Management	138	738	118	706	124	669	144	656	238	963
Business	2202	9232	1361	6828	1431	7547	1273	6564	1237	6418
Accounting	335	1720	429	2178	445	2244	272	1472	279	1355
Credit Union Management	6	43	6	25	0	0	1	3	1	6
Retail Merchandising	31	226	30	201	28	201	21	132	27	147
Real Estate	77	421	251	780	308	840	217	602	179	471
General Office Assistant	9	48	19	119	8	52	4	12	5	25
Food Service Mgt.	33	177	22	96	5	19	2	4	115	88
Security & Loss Prevention	0	0	31	66	12	21	1	12	5	1

-continued-

TABLE I

EDUCATIONAL INTENT OF STUDENTS AT OKLAHOMA CITY COMMUNITY COLLEGE

	SPRING 1981		SPRING 1982		SPRING 1983		SPRING 1984		SPRING 1985	
	H/C	C/H	H/C	C/H	H/C	C/H	H/C	C/H	H/C	C/H
Pre-Accounting	0	0	0	0	8	60	47	280	54	414
Labor Studies	0	0	0	0	0	0	3	9	1	3
TOTALS	3,691	15,455	3,193	14,193	3,449	15,701	3,041	13,780	3,335	14,120
Medical Records Technology	22	184	9	33	5	25	1	8	0	0
Nursing	370	2779	436	3124	546	3,907	494	3338	442	2901
Emergency Medical Technology	209	1237	221	1262	334	1611	261	1233	297	1234
Surgical Technology	65	520	48	312	51	378	44	180	32	164
OT-TR	63	503	70	470	71	524	59	288	45	240
Gerontology	23	66	34	106	26	132	28	112	26	78
Physical Therapy Technology	0	0	0	0	48	436	76	587	83	604
TOTALS	752	5,289	818	5,307	1,081	7,013	963	5,746	925	5,221

-continued-

TABLE I

EDUCATIONAL INTENT OF STUDENTS AT OKLAHOMA CITY COMMUNITY COLLEGE

	SPRING 1981		SPRING 1982		SPRING 1983		SPRING 1984		SPRING 1985	
	H/C	C/H	H/C	C/H	H/C	C/H	H/C	C/H	H/C	C/H
Psychology	405	2062	360	1814	353	1914	314	1766	267	1483
Recreational Leadership	371	559	455	526	770	1209	839	1006	664	932
History	44	279	31	182	54	279	57	290	49	259
Political Science/ Pre-Law	57	444	69	420	70	550	66	431	56	330
Sociology	76	539	91	626	82	630	104	784	95	675
Pre-Recreational Leadership	0	0	0	0	12	20	13	69	4	10
Corrections	172	1316	91	644	58	466	47	367	50	406
Pre-Corrections	6	58	11	76	9	49	13	88	7	45
Child Development	60	277	57	266	84	309	60	295	72	380
TOTALS	1,191	5,534	1,165	4,554	1,492	5,426	1,513	5,096	1,264	4,520
Automotive Technology	43	165	43	122	74	248	59	269	81	330
Pre-Engineering	286	2251	277	2246	274	2274	260	2020	226	1855

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TABLE I

EDUCATIONAL INTENT OF STUDENTS AT OKLAHOMA CITY COMMUNITY COLLEGE

	SPRING 1981		SPRING 1982		SPRING 1983		SPRING 1984		SPRING 1985	
	H/C	C/H	H/C	C/H	H/C	C/H	H/C	C/H	H/C	C/H
Science	253	1802	294	2087	314	2137	296	1926	297	2009
Construction Technology	69	270	101	390	123	423	81	211	100	348
Machine Technology	73	321	96	318	57	253	30	190	32	188
Production Technology	9	40	25	80	16	70	12	47	6	31
Welding Technology	83	327	126	419	65	273	46	125	36	114
Metal Fabrication	16	60	23	65	29	123	20	76	105	199
Solar Energy Technology	0	0	0	0	0	0	1	4	0	0
Radio/TV Repair	3	6	1	15	1	3	1	3	0	0
TOTALS	835	5,242	986	5,742	953	5,804	806	4,871	853	5,074
Communications	30	138	127	541	132	607	126	672	155	703
Visual Arts	81	479	57	292	63	337	33	173	42	224
Theatre Arts	24	194	24	168	18	108	25	151	18	130

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TABLE I

EDUCATIONAL INTENT OF STUDENTS AT OKLAHOMA CITY COMMUNITY COLLEGE

	SPRING 1981		SPRING 1982		SPRING 1983		SPRING 1984		SPRING 1985	
	H/C	C/H	H/C	C/H	H/C	C/H	H/C	C/H	H/C	C/H
Modern Languages	81	394	68	308	114	568	107	452	92	520
Humanities	57	356	51	251	51	202	37	204	24	139
Printing Technology	49	333	67	349	63	352	40	190	45	155
Mass Media Communications	114	688	116	482	137	602	125	537	137	551
Commercial Art	159	705	208	922	173	888	156	754	166	876
Music	110	511	119	486	142	507	121	476	105	394
TOTALS	705	3,798	837	3,799	893	4,171	770	3,609	784	3,692
Data Processing	143	857	384	2128	794	4162	787	4303	874	4282
Electronics	351	2012	353	2184	297	2059	315	2097	367	2562
Mathematics	66	398	114	367	109	556	145	664	164	844
Drafting/Design	123	755	94	628	120	797	110	573	102	539
Industrial Electronics	22	124	34	201	16	83	13	71	7	85

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TABLE I

EDUCATIONAL INTENT OF STUDENTS AT OKLAHOMA CITY COMMUNITY COLLEGE

	SPRING 1981		SPRING 1982		SPRING 1983		SPRING 1984		SPRING 1985	
	H/C	C/H	H/C	C/H	H/C	C/H	H/C	C/H	H/C	C/H
Electrical Service Technology	0	0	1	9	1	3	3	21	2	19
Maintenance Technology	0	0	0	0	3	11	1	14	2	15
Industrial Health and Safety	0	0	0	0	1	3	0	0	0	0
TOTALS	705	4,146	980	5,517	1,341	7,674	1,374	7,743	1,518	8,346
Diversified Studies	55	188	12	44	18	54	14	51	14	71
TOTALS	7,934	39,652	7,991	39,156	9,227	45,843	8,481	40,896	8,723	41,044

TABLE II

EDUCATIONAL INTENT OF STUDENTS AT OKLAHOMA CITY COMMUNITY COLLEGE
SPRING 1985

	E		I		J		P		T		U		W		X		TOTAL	
	H/C	C/H	H/C	C/H	H/C	C/H	H/C	C/H	H/C	C/H	H/C	C/H	H/C	C/H	H/C	C/H	H/C	C/H
Insurance Mgt. Technology	2	12	44	120	27	77	0	0	1	3	0	0	1	6	0	0	75	218
Banking & Finance	6	33	14	66	4	12	0	0	1	3	2	13	721	2234	6	10	754	2371
Sec. Science	28	174	200	797	46	141	3	27	10	46	3	9	55	344	20	102	365	1640
Mid-Management	22	131	49	164	81	209	4	30	8	42	8	57	53	302	13	28	238	963
Business	164	1045	534	2218	64	231	247	1658	140	819	39	256	24	104	25	87	1237	6418
Accounting	17	120	133	580	29	90	13	103	30	143	5	32	46	275	6	12	279	1355
Credit Union Management	0	0	0	0	1	6	0	0	0	0	0	0	0	0	0	0	1	6
Retail Merchandising	4	39	9	35	1	0	1	6	4	13	1	3	6	45	1	6	27	147
Real Estate	2	6	116	264	22	36	0	0	1	9	1	6	34	132	3	18	179	471
General Office Assistant	0	0	1	4	0	0	0	0	0	0	0	0	1	3	3	18	5	25
Food Service Management	1	1	81	61	32	17	0	0	0	0	0	0	1	9	0	0	115	88
Security and Loss Prevention	2	1	3	0	0	0	0	0	0	0	0	0	0	0	0	0	5	1
Pre-Accounting	13	98	2	6	1	0	25	224	11	83	2	3	0	0	0	0	54	414
Labor Studies	0	0	0	0	0	0	0	0	0	0	0	0	1	3	0	0	1	3
TOTALS	261	1660	1186	4315	308	819	293	2048	206	1161	61	379	943	3457	77	281	3335	14,120

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TABLE II

EDUCATIONAL INTENT OF STUDENTS AT OKLAHOMA CITY COMMUNITY COLLEGE (CONT'D)
SPRING 1985

	E		I		J		P		T		U		W		X		TOTAL	
	H/C	C/H	H/C	C/H	H/C	C/H	H/C	C/H	H/C	C/H	H/C	C/H	H/C	C/H	H/C	C/H	H/C	C/H
Nursing	114	809	69	365	2	11	9	37	50	281	7	44	184	1317	7	37	442	2901
Emergency Medical Technology	24	149	92	312	58	129	3	23	7	42	7	42	87	483	19	54	297	1234
Surgical Technology	1	9	5	10	1	9	1	10	1	5	1	10	5	30	17	81	32	164
OT-TR	6	26	6	30	0	0	0	0	1	3	2	12	30	169	0	0	45	240
Gerontology	3	15	7	14	5	6	1	6	1	3	0	0	6	32	3	2	26	78
Physical Therapy Technology	18	155	10	81	0	0	1	6	9	66	4	23	41	273	0	0	83	604
TOTALS	166	1163	189	812	66	155	15	82	69	400	21	131	353	2304	46	174	925	5221
Psychology	47	261	107	469	5	4	48	372	36	228	12	83	7	39	5	27	267	1483
Recreational Leadership	2	10	627	808	4	3	2	4	5	4	7	32	12	63	5	8	664	932
History	8	73	26	126	0	0	4	19	7	24	0	0	0	0	4	17	49	259
Political Science/ Pre-Law	9	43	12	50	1	3	18	141	11	53	2	15	1	16	2	9	56	330
Sociology	14	99	36	300	1	0	25	185	10	27	5	36	3	28	1	0	95	675
Pre-Recreational Leadership	0	0	4	10	0	0	0	0	0	0	0	0	0	0	0	0	4	10
Corrections	7	61	21	191	1	0	7	23	1	11	3	21	8	96	2	3	50	406
Pre-Corrections	2	18	0	0	0	0	5	27	0	0	0	0	0	0	0	0	7	45
Child Development	14	92	16	86	2	0	3	25	7	45	1	3	24	129	5	0	72	380
TOTALS	103	657	849	2040	14	10	112	796	77	392	30	190	55	371	24	64	1264	4520

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TABLE II

EDUCATIONAL INTENT OF STUDENTS AT OKLAHOMA CITY COMMUNITY COLLEGE (CONT'D)
SPRING 1985

	E		I		J		P		T		U		W		X		TOTAL	
	H/C	C/H	H/C	C/H	H/C	C/H	H/C	C/H	H/C	C/H	H/C	C/H	H/C	C/H	H/C	C/H	H/C	C/H
Automotive Technology	15	57	24	93	15	35	0	0	1	9	3	18	23	118	0	0	81	330
Pre-Engineering	65	527	25	191	0	0	70	612	57	478	4	31	3	10	2	6	226	1855
Science	22	192	77	517	4	10	87	629	97	604	4	23	2	24	4	10	297	2009
Construction Technolcgy	8	33	60	163	2	6	2	6	3	15	1	3	24	122	0	0	100	348
Machine Technology	7	32	4	19	1	10	0	0	0	0	1	12	19	115	0	0	32	188
Production Technology	1	6	2	13	0	0	0	0	0	0	0	0	3	12	0	0	6	31
Welding Technology	5	7	13	27	2	5	1	0	0	0	0	0	14	73	1	2	36	114
Metal Fabrication	4	30	15	66	77	42	0	0	0	0	1	13	8	48	0	0	105	199
TOTALS	127	884	220	1089	101	108	160	1247	158	1106	14	100	96	522	7	18	883	5074
Communications	17	124	92	341	0	0	22	127	16	77	4	3	3	15	1	6	155	703
Visual Arts	3	18	15	80	0	0	16	107	1	3	2	6	1	0	4	10	42	224
Theatre Arts	3	29	10	67	0	0	5	34	0	0	0	0	0	0	0	0	18	130
Modern Language	2	3	77	420	2	23	3	13	7	58	1	3	0	0	0	0	92	520
Humanities	2	21	6	44	1	1	10	68	4	5	0	0	0	0	1	0	24	139

-continued-

TABLE II

EDUCATIONAL INTENT OF STUDENTS AT OKLAHOMA CITY COMMUNITY COLLEGE (CONT'D)
SPRING 1985

	E		I		J		P		T		U		W		X		TOTAL	
	H/C	C/H	H/C	C/H	H/C	C/H	H/C	C/H	H/C	C/H	H/C	C/H	H/C	C/H	H/C	C/H	H/C	C/H
Printing Technology	3	18	20	72	7	25	0	0	2	0	1	0	11	34	1	6	45	155
Mass Media Communications	8	28	84	231	0	0	3	19	8	62	4	17	26	165	4	29	137	551
Commercial Art	15	112	90	359	6	19	7	43	4	22	3	34	36	269	5	18	166	876
Music	7	29	59	148	0	0	26	153	5	22	3	19	1	14	4	9	105	394
TOTALS	60	382	453	1762	16	68	92	564	47	249	18	92	78	497	20	78	784	3692
Data Processing	104	714	396	1643	104	208	11	55	49	286	13	112	195	1243	2	21	874	4282
Electronics	60	456	91	599	36	184	10	57	12	83	6	65	147	1108	5	14	367	2562
Mathematics	17	96	86	405	13	32	23	166	22	135	2	6	1	4	0	0	164	844
Drafting/Design	12	83	31	116	7	18	2	15	8	54	6	37	33	204	3	12	102	539
Industrial Electronics	0	0	0	0	0	0	0	0	0	0	0	0	7	85	0	0	7	85
Electrical Service Technology	1	7	1	12	0	0	0	0	0	0	0	0	0	0	0	0	2	19
Maintenance Technology	0	0	1	3	0	0	1	12	0	0	0	0	0	0	0	0	2	15
TOTALS	194	1356	606	2778	160	442	47	301	91	558	27	220	383	2644	10	47	1518	8346
Diversified Studies	1	14	6	30	2	9	2	3	0	0	0	0	2	12	1	3	14	71
TOTALS	1	14	6	30	2	9	2	3	0	0	0	0	2	12	1	3	14	71
TOTAL COLLEGE	912	6,116	3,509	12,826	667	1,611	721	5,041	648	3,866	171	1,112	1,910	9,807	185	665	8,723	41,044

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